Appointment

From: Simon, Michelle [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP
(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=A5BCF673944B4F04BBE1EA3D564464E8-SIMON, MICHELLE]
Sent: 2/6/2020 9:50:14 PM
To: Simon, Michelle [Simon.Michelle@epa.gov]; Robert E Dickinson [Robert.Dickinson@innovyze.com]; Heineman,
Mitchell [HeinemanMC@cdmsmith.com]

Subject: SWMM GUI Github
Location: Skype Meeting

Start: 2/7/2020 7:00:00 PM
End: 2/7/2020 7:30:00 PM
Show Time As: Busy

Required Robert E Dickinson; Heineman, Mitchell
Attendees:

Mitch and Bob,

I AM SO GLAD that you are working with us on the SWMM GUI! It needs a lot of work. I have cleared my desk and am finally focusing on it. Would you like to schedule some time to coordinate efforts?

Michelle

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Here is the status so far:

The MTP6r2 was released on Jan 22, 2020. Colleen Barr and Faryn Dumont (my two ORISE students) and ReSPEC are fixing bugs. I have many more to report. Some have been fixed since 1/22/2020 and I am working off the
devSWMM-UI/SWMM-EPANET_User_Interface (dev-ui-py3qt5)

and

······ devSWMM-UI/SWMM-EPANET_User_Interface (save-project)

via the github process (which I am still learning)

To test these fixes.

I have some input files from Bob that I use to test things like:

Processes Tested:

1. Kinematic and Dynamic Wave
2. Horton, Modified Horton, Green-Amp, Modified Green Ampt, CN
3. LIDs – green roof

4. Junctions, Conduits, Outfalls, Dividers,
5. Pumps
6. Animation
7. Culverts
8. Scatterplots seem to be working
9. Flooding
10. Downstream critical flow, offset critical flow, upstream critical flow
11. Conduit surcharge
12. Map Coordinates
13. Evaporation, Temperature
14. External inflow
15. Lateral inflow
16. Circular, triangular cross sections,
17. Flow classification exam1_long_simulation_one_pipe_SW5
18. Adverse Slope – no losses and losses
19. Surcharging – yes and no surcharging Vol II Figure 3-3
20. Long time running
21. Negative elevations
22. Ponding – Vol II Figure 3-4
23. Sump orifice EXAM1A
24. External flow EXAM2A_WQ but I do not see WQ. TSS but no land use
25. Large drops – EXAM2
26. Tide Swings – EXAM2 outfall has tidal
27. Sample Drainage Network
28. 15 conduit lengths- EXAM22
29. Exam24 - EXTRAN USER''S MANUAL EXAMPLE PROBLEM 24

   A SUPERCRITICAL CONDUIT CONNECTED TO A CHANNEL WITH AN ADVERSE SLOPE

30. Exam25 - THREE CONDUITS WITH ADVERSE SLOPE
31. EXAM29 -no network
32. All EXAM3 - BASIC PIPE SYSTEM WITH SUMP ORIFICE AT JUNCTION 82309 FROM FIG 3-3
33. EXAM30 - EXTRAN USER''S MANUAL EXAMPLE PROBLEM 30 SIMULATION OF A 30000 FOOT CONDUIT

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